All species detected

2023-08-15

Supplementary table 1. All taxa detected during waterbird surveys at Tomales Bay, California, 1992-2022. Shown for each taxa are the number of years the species was detected on at least one survey, and the minimum and maximum number counted on any single survey.

|  |  | Single day count | |
| --- | --- | --- | --- |
|  | # years detected | Minimum | Maximum |
| Emperor Goose (*Anser canagicus*) | 1 | 0 | 1 |
| Ross's Goose (*Anser rossii*) | 3 | 1 | 4 |
| Greater White-fronted Goose (*Anser albifrons*) | 1 | 0 | 1 |
| Brant (*Branta bernicla*) | 30 | 10 | 5,016 |
| Cackling Goose (*Branta hutchinsii*) | 2 | 0 | 1 |
| Canada Goose (*Branta canadensis*) | 23 | 2 | 236 |
| Goose spp. (*Anser spp.*) | 1 | 0 | 300 |
| Mute Swan (*Cygnus olor*) | 7 | 1 | 2 |
| Swan spp. (*Cygnus spp.*) | 3 | 0 | 1 |
| Wood Duck (*Aix sponsa*) | 2 | 1 | 3 |
| Cinnamon Teal (*Spatula cyanoptera*) | 10 | 1 | 14 |
| Northern Shoveler (*Spatula clypeata*) | 18 | 1 | 299 |
| Gadwall (*Mareca strepera*) | 29 | 2 | 125 |
| Eurasian Wigeon (*Mareca penelope*) | 22 | 1 | 5 |
| American Wigeon (*Mareca americana*) | 30 | 3 | 2,186 |
| Mallard (*Anas platyrhynchos*) | 30 | 1 | 152 |
| Northern Pintail (*Anas acuta*) | 30 | 1 | 1,417 |
| Green-winged Teal (*Anas crecca*) | 24 | 1 | 148 |
| Canvasback (*Aythya valisineria*) | 10 | 1 | 107 |
| Redhead (*Aythya americana*) | 15 | 0 | 34 |
| Ring-necked Duck (*Aythya collaris*) | 18 | 1 | 17 |
| Tufted Duck (*Aythya fuligula*) | 1 | 0 | 1 |
| Greater Scaup (*Aythya marila*) | 30 | 554 | 13,570 |
| Lesser Scaup (*Aythya affinis*) | 29 | 1 | 542 |
| Scaup spp. (*Aythya spp.*) | 30 | 0 | 7,509 |
| Tufted Duck x Scaup Hybrid (*Aythya hybrid*) | 2 | 0 | 1 |
| King Eider (*Somateria spectabilis*) | 1 | 0 | 1 |
| Harlequin Duck (*Histrionicus histrionicus*) | 6 | 1 | 3 |
| Surf Scoter (*Melanitta perspicillata*) | 30 | 894 | 9,567 |
| White-winged Scoter (*Melanitta deglandi*) | 27 | 1 | 67 |
| Black Scoter (*Melanitta americana*) | 29 | 1 | 180 |
| Scoter spp. (*Melanitta spp.*) | 16 | 1 | 4 |
| Long-tailed Duck (*Clangula hyemalis*) | 16 | 0 | 8 |
| Bufflehead (*Bucephala albeola*) | 30 | 2,118 | 11,186 |
| Common Goldeneye (*Bucephala clangula*) | 30 | 1 | 255 |
| Barrow's Goldeneye (*Bucephala islandica*) | 8 | 1 | 12 |
| Goldeneye spp. (*Bucephala spp.*) | 2 | 1 | 2 |
| Hooded Merganser (*Lophodytes cucullatus*) | 8 | 1 | 4 |
| Common Merganser (*Mergus merganser*) | 28 | 0 | 133 |
| Red-breasted Merganser (*Mergus serrator*) | 30 | 28 | 210 |
| Merganser spp. (*Anatinae spp.*) | 3 | 1 | 14 |
| Ruddy Duck (*Oxyura jamaicensis*) | 30 | 4 | 2,779 |
| Duck spp. (*Anatinae spp.*) | 10 | 1 | 400 |
| Pied-billed Grebe (*Podilymbus podiceps*) | 30 | 1 | 53 |
| Horned Grebe (*Podiceps auritus*) | 30 | 91 | 1,111 |
| Red-necked Grebe (*Podiceps grisegena*) | 30 | 8 | 77 |
| Eared Grebe (*Podiceps nigricollis*) | 30 | 82 | 1,697 |
| Horned/Eared Grebe (*Podiceps spp.*) | 30 | 1 | 12 |
| Western Grebe (*Aechmophorus occidentalis*) | 30 | 1 | 1,703 |
| Clark's Grebe (*Aechmophorus clarkii*) | 30 | 1 | 169 |
| Western/Clark's Grebe (*Aechmophorus occidentalis/clarkii*) | 30 | 4 | 1,836 |
| American Coot (*Fulica americana*) | 30 | 3 | 2,391 |
| Common Murre (*Uria aalge*) | 13 | 1 | 3 |
| Cassin's Auklet (*Ptychoramphus aleuticus*) | 1 | 0 | 1 |
| Rhinoceros Auklet (*Cerorhinca monocerata*) | 2 | 0 | 1 |
| Murrelet spp. (*Alcidae spp.*) | 1 | 0 | 3 |
| Caspian Tern (*Hydroprogne caspia*) | 5 | 1 | 15 |
| Forster's Tern (*Sterna forsteri*) | 27 | 1 | 177 |
| Red-throated Loon (*Gavia stellata*) | 30 | 10 | 715 |
| Pacific Loon (*Gavia pacifica*) | 30 | 0 | 180 |
| Common Loon (*Gavia immer*) | 30 | 59 | 623 |
| Yellow-billed Loon (*Gavia adamsii*) | 1 | 0 | 1 |
| Pacific/Common Loon (*Gavia spp.*) | 24 | 0 | 6 |
| Loon spp. (*Gavia spp.*) | 27 | 0 | 11 |
| Brown Booby (*Sula leucogaster*) | 1 | 0 | 1 |
| Brandt's Cormorant (*Urile penicillatus*) | 30 | 3 | 7,837 |
| Pelagic Cormorant (*Urile pelagicus*) | 30 | 0 | 222 |
| Double-crested Cormorant (*Nannopterum auritum*) | 30 | 103 | 7,666 |
| Cormorant spp. (*Phalacrocorax spp.*) | 25 | 0 | 3 |
| American White Pelican (*Pelecanus erythrorhynchos*) | 19 | 1 | 140 |
| Brown Pelican (*Pelecanus occidentalis*) | 27 | 1 | 452 |